

## Overview

### Product information



### DC2.5-11020000018

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 800 V, Rated current: 24 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.1 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Product advantages

- ☑ Steel screw connection technology, reliable connection;
- ☑ Equipped with dual-channel bridge wells, circuit connection testing is more flexible;
- ☑ Unique plug-in bridge, high circuit connection efficiency;
- ☑ The box has a baffle to prevent mis-insertion;
- ☑ Can be matched with marker strips to avoid incorrect insertion of wires.

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Overview

Number of rows	1
number of connections	2
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Insulating material group	I
standard test	IEC60947-7-1

Connection method	screw connection
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#### Dimension

width	5.1mm
End plate width	1.5mm
Height	40mm
NS 35/7,5 Height	41.5mm
NS 35/15 Height	49mm
length	44.5mm

#### Wiring data

Strip length	8~9mm
Conductor cross section solid AWG	28~12
Conductor cross section solid	0.2~4mm <sup>2</sup>
Conductor cross section flexible	0.2~2.5mm <sup>2</sup>
Conductor cross section flexible (ferrule without plastic sleeve)	0.2-2.5mm <sup>2</sup>
Conductor cross section flexible (ferrule with plastic sleeve)	0.5-1.5mm <sup>2</sup>
2 flexible conductors with a TWIN ferrule	0.5-1mm <sup>2</sup>
Screw type	Slotted screw
screw thread	M2.5
Tightening torque	0.4N.m

#### IEC Electrical parameters

Rated voltage (III / 3)	800V
Rated current (III / 3)	24A
Rated surge voltage	8KV

#### UL Electrical parameters

Rated voltage	600V
Rated current	25A

#### Environmental conditions

Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Relative humidity (storage/transport)	25%~75%
Ambient temperature (storage / transport)	-25°C~60°C

#### Mechanical performance test

Mechanical strength	Passed the test
Fixing support	Passed the test
Rotational Pull Test	Passed the test

#### Electrical performance test

Voltage drop	≤3.2mV
Temperature rise test	≤45 K

#### Safety test

Anti-finger touch	Passed the test
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#### Environmental protection

RoHS	No excessive harmful substances
REACH SVHC	Lead 7439-92-1

### Accessories

#### Marker

Top marker	/
Side marker	ZB5 / WB5
Marker support	/

#### Accessories

Slotted screwdriver size (Blade thickness x Width)	0.6×3.5
Bridge	DFA2.5
End cover	D-DC2.5
Partition plate	/

#### Installation

End clamp	E-WS N / E-PC-1100A
Terminal strip marker support	KLM3-20x8 / KLM3-44x8 / DLM2 / DBE-1 / DBE-2
DIN rail	NS35/7.5 & NS35/15

#### Marking & Installation

Marking strip	ZB5
Marker cards	DBE-1

#### Accessories

End cover	D-DC2.5
Bridge	DFA2.5
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

#### Business data

Order number	11020000018
Packing unit	100
Minimum order quantity	100
Products weight (without packaging)	4.782